

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number  
**WO 2004/038404 A2**

(51) International Patent Classification<sup>7</sup>: G01N 33/48

(21) International Application Number:  
PCT/EP2003/011180

(22) International Filing Date: 8 October 2003 (08.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02079489.7 28 October 2002 (28.10.2002) EP

(71) Applicant (for all designated States except US): PHAR-  
MACIA ITALIA SPA [IT/IT]; Via Robert Koch, 1.2,  
I-20152 Milan (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GERONI, Cristina  
[IT/IT]; Via Correggio, 48, I-20149 Milan (IT). PAC-  
CIARINI, Maria, Adele [IT/IT]; Via degli Imbriani, 39,  
I-20158 Milan (IT).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,  
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,  
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

WO 2004/038404 A2

(54) Title: METHOD FOR OPTIMIZING THERAPEUTIC EFFICACY OF NEMORUBICIN

(57) **Abstract:** The present invention relates to products and methods for characterizing cancer patients in order to predict therapeutic benefit with a drug metabolized by CYP3A, especially nemorubicin.